

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <small>FORM PTO-1390 (REV. 10-2003)</small>		ATTORNEY'S DOCKET NUMBER <b>P57194</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/506320</b>
INTERNATIONAL APPLICATION NO. <b>PCT/KR02/00723</b>	INTERNATIONAL FILING DATE <b>19 April 2002</b>	PRIORITY DATE CLAIMED
TITLE OF INVENTION <b>Method for Constructing Check Dam or Fire Prevention Dam Using Gear-Type Block</b>		
APPLICANT(S) FOR DO/EO/US <b>KEUN-HEE LEE</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))        a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).        b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.        c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).        a. <input type="checkbox"/> is attached hereto.        b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))        a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).        b. <input type="checkbox"/> have been communicated by the International Bureau.        c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.        d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (PTO Form 1449)</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. (included in the Declaration)</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:        - A copy of WO 03/089720 A1        - International Search Report (PCT/ISA/210)        - International Preliminary Examination Report (PCT/IPEA/409)        - Copies of the references cited in the PTO-1449</p>		

U.S. APPLICATION NO. (if known) <u>10/506320</u>		INTERNATIONAL APPLICATION NO. <u>PCT/KR02/00723</u>	ATTORNEY'S DOCKET NUMBER <u>P57194</u>
<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. .... <b>\$1080.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b></p>		<b>CALCULATIONS PTO USE ONLY</b>	
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>\$ 1,080.00</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		<b>\$ n/a</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	- 20 =		x <b>\$18.00</b>
Independent claims	- 3 =		x <b>\$86.00</b>
<b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>		+ <b>\$290.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 1,080.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		<b>\$ 540.00</b>	
<b>SUBTOTAL =</b>		<b>\$ 540.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		<b>\$ n/a</b>	
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 540.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +		<b>\$ 40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 580.00</b>	
		<b>Amount to be refunded:</b>	\$
		<b>charged:</b>	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 580.00</u> to cover the above fees is enclosed. Checks #48019, #48020</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4943</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>			
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:</p> <p> _____ SIGNATURE</p> <p style="text-align: right;">Robert E. Bushnell</p> <p>NAME _____</p> <p>27,774</p> <p>REGISTRATION NUMBER _____</p>			

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: KEUN-HEE LEE

Serial No.: *to be assigned*

Examiner: *to be assigned*

International Application No.: PCT/KR02/00723

Filed: September 1, 2004

Art Unit: *to be assigned*

International Filing Date: 19 April 2002

For: METHOD FOR CONSTRUCTING CHECK DAM OR FIRE PREVENTION DAM  
USING GEAR-TYPE BLOCK

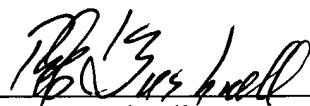
**TRANSMITTAL OF DECLARATION**

Mail Stop PCT  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005  
(202) 408-9040

Folio: P57194

Date: 09/01/4

I.D.: REB/kf

<b>FEE TRANSMITTAL</b>		Complete If Known <b>10/506320</b>																																																																																																																																																																																																																																																																																																																								
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1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any deficiency and credit any over payments to: Deposit Account Number: <b>02-4943</b> Deposit Account Number: _____		3. <b>ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge-late filing fee or oath</td> <td>\$</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge-late provisional filing fee or cover sheet</td> <td>\$</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td>\$</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td>\$</td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>\$</td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td>\$</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td>\$</td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td>\$</td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td>\$</td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td>\$</td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month</td> <td>\$</td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td>\$</td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td>\$</td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td>\$</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td>\$</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td>\$</td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665</td> <td>Petition to revive - unintentional</td> <td>\$</td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665</td> <td>Utility issue fee (or reissue)</td> <td>\$</td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> <td>\$</td> </tr> <tr> <td>Total claims</td> <td>-20** =</td> <td>x</td> <td>=</td> <td>Plant issue fee</td> <td>\$</td> </tr> <tr> <td>Independent Claims</td> <td>- 3** =</td> <td>x</td> <td>=</td> <td>Petitions to the Commissioner</td> <td>\$</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>=</td> <td>Processing fee for provisional applications</td> <td>\$</td> </tr> <tr> <td colspan="6">* or number previously paid, if greater; For Reissues, see below</td> </tr> <tr> <td colspan="2"><b>1. 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EXTRA CLAIM FEES</b></td> <td colspan="2"><b>Extra Claims</b></td> <td colspan="2"><b>Fee from below</b></td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"><b>Fee Paid</b></td> </tr> <tr> <td>Total claims</td> <td>-20** =</td> <td>x</td> <td>=</td> <td>1503</td> <td>640</td> </tr> <tr> <td>Independent Claims</td> <td>- 3** =</td> <td>x</td> <td>=</td> <td>1460</td> <td>130</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>=</td> <td>1807</td> <td>50</td> </tr> <tr> <td colspan="6">* or number previously paid, if greater; For Reissues, see below</td> </tr> <tr> <td colspan="2"><b>Large Entity</b></td> <td colspan="2"><b>Small Entity</b></td> <td colspan="2"></td> </tr> <tr> <td>Fee Code</td> <td>Fee (\$)</td> <td>Fee Code</td> <td>Fee (\$)</td> <td></td> <td></td> </tr> <tr> <td>1201</td> <td>86</td> <td>2201</td> <td>43</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1203</td> <td>290</td> <td>2203</td> <td>145</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>86</td> <td>2204</td> <td>43</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="2"><b>SUBTOTAL (2)</b></td> <td colspan="2"><b>(\$)</b></td> <td colspan="2"><b>0.00</b></td> </tr> <tr> <td colspan="6"><b>FEES CALCULATION (continued)</b></td> </tr> <tr> <td colspan="6"><b>SUBMITTED BY</b></td> </tr> <tr> <td colspan="6" style="text-align: center;"><b>Complete (if applicable)</b></td> </tr> <tr> <td>Typed or Printed Name</td> <td colspan="3">Robert E. Bushnell, Esq.</td> <td>Reg. Number</td> <td>27,774</td> </tr> <tr> <td>Signature</td> <td></td> <td>Date</td> <td colspan="2">1 September 2004</td> <td>Deposit Account User ID</td> </tr> </tbody></table>		Large Entity		Small Entity			Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge-late filing fee or oath	\$	1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$	1053	130	1053	130	Non-English specification	\$	1812	2,520	1812	2,520	For filing a request for reexamination	\$	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$	1251	110	2251	55	Extension for reply within first month	\$	1252	420	2252	210	Extension for reply within second month	\$	1253	950	2253	475	Extension for reply within third month	\$	1254	1,480	2254	740	Extension for reply within fourth month	\$	1255	2,010	2255	1,005	Extension for reply within fifth month	\$	1401	330	2401	165	Notice of Appeal	\$	1402	330	2402	165	Filing a brief in support of an appeal	\$	1403	290	2403	145	Request for oral hearing	\$	1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$	1452	110	2452	55	Petition to revive - unavoidable	\$	1453	1,330	2453	665	Petition to revive - unintentional	\$	1501	1,330	2501	665	Utility issue fee (or reissue)	\$	1502	480	2502	240	Design issue fee	\$	Total claims	-20** =	x	=	Plant issue fee	\$	Independent Claims	- 3** =	x	=	Petitions to the Commissioner	\$	Multiple Dependent			=	Processing fee for provisional applications	\$	* or number previously paid, if greater; For Reissues, see below						<b>1. 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1401	330	2401	165	Notice of Appeal	\$																																																																																																																																																																																																																																																																																																																					
1402	330	2402	165	Filing a brief in support of an appeal	\$																																																																																																																																																																																																																																																																																																																					
1403	290	2403	145	Request for oral hearing	\$																																																																																																																																																																																																																																																																																																																					
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$																																																																																																																																																																																																																																																																																																																					
1452	110	2452	55	Petition to revive - unavoidable	\$																																																																																																																																																																																																																																																																																																																					
1453	1,330	2453	665	Petition to revive - unintentional	\$																																																																																																																																																																																																																																																																																																																					
1501	1,330	2501	665	Utility issue fee (or reissue)	\$																																																																																																																																																																																																																																																																																																																					
1502	480	2502	240	Design issue fee	\$																																																																																																																																																																																																																																																																																																																					
Total claims	-20** =	x	=	Plant issue fee	\$																																																																																																																																																																																																																																																																																																																					
Independent Claims	- 3** =	x	=	Petitions to the Commissioner	\$																																																																																																																																																																																																																																																																																																																					
Multiple Dependent			=	Processing fee for provisional applications	\$																																																																																																																																																																																																																																																																																																																					
* or number previously paid, if greater; For Reissues, see below																																																																																																																																																																																																																																																																																																																										
<b>1. BASIC FILING FEE</b>		<b>Fee Description</b>		<b>Fee Paid</b>																																																																																																																																																																																																																																																																																																																						
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																																																							
1001	770	2001	385	Utility filing fee	\$																																																																																																																																																																																																																																																																																																																					
1002	340	2002	170	Design filing fee	\$																																																																																																																																																																																																																																																																																																																					
1003	530	2003	265	Plant filing fee	\$																																																																																																																																																																																																																																																																																																																					
1004	770	2004	385	Reissue filing fee	\$																																																																																																																																																																																																																																																																																																																					
1005	160	2005	80	Provisional filing fee	\$																																																																																																																																																																																																																																																																																																																					
<b>SUBTOTAL (1)</b>		<b>(\$)</b>		<b>.00</b>																																																																																																																																																																																																																																																																																																																						
<b>2. EXTRA CLAIM FEES</b>		<b>Extra Claims</b>		<b>Fee from below</b>																																																																																																																																																																																																																																																																																																																						
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<b>Large Entity</b>		<b>Small Entity</b>																																																																																																																																																																																																																																																																																																																								
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1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																																																																																																																																																						
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																																																																						
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																																																																						
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																																																						
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																																																						
<b>SUBTOTAL (2)</b>		<b>(\$)</b>		<b>0.00</b>																																																																																																																																																																																																																																																																																																																						
<b>FEES CALCULATION (continued)</b>																																																																																																																																																																																																																																																																																																																										
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<b>Complete (if applicable)</b>																																																																																																																																																																																																																																																																																																																										
Typed or Printed Name	Robert E. Bushnell, Esq.			Reg. Number	27,774																																																																																																																																																																																																																																																																																																																					
Signature		Date	1 September 2004		Deposit Account User ID																																																																																																																																																																																																																																																																																																																					

REB/kf

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**Best Available Copy**